

**REMARKS/ARGUMENTS**

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-23 and 27-31 are pending in the present application with claims 8 and 27 having been amended by the present amendment.

In the outstanding Office Action, claims 8 and 9 were rejected under 35 U.S.C. § 103(a) as unpatentable over Applicant's Admitted Prior Art (AAPA) in view of Borg; claims 27-29 were rejected under 35 U.S.C. § 103(a) as unpatentable over Borg in view of Kobayashi et al.; claims 30 and 31 were rejected under 35 U.S.C. § 103(a) as unpatentable over Borg in view of Kobayashi et al. and Katsuyama et al.; claims 10-13 were indicated as allowable if rewritten in independent form; and claims 1-7 and 14-23 were allowed.

Applicant's thank for the Examiner for the indication of allowable subject matter.

The present invention currently includes independent claims 1, 8, 14 and 27 (as noted above independent claims 1 and 14 have been allowed). Further, independent claim 8 has been amended to recite that the RF characteristic analyzer is coupled to the frequency band filter and the receiving frequency converter and includes transmission and reception band rejection filters to respectively filter out unwanted signals output from the frequency band filter and the receiving frequency converter, and the RF characteristic analyzer determines whether the unwanted signals are increasing or decreasing. Independent claim 27 includes

similar features in a varying scope.

In a non-limiting example, Figures 2, 4a and 4b illustrate an RF characteristic analyzer 211 coupled to a frequency band filter 208 and a receiving frequency converter 205 and including transmission and reception band rejection filters 401, 410 (see Figures 4a and 4b) to respectively filter out unwanted signals output from the frequency band filter 208 and the receiving frequency converter 205. Further, the RF characteristic analyzer 211 determines whether the unwanted signals are increasing or decreasing.

On the contrary, Borg teaches in Figure 2 a transceiver tester (TXRT) 10 coupled between a filter 52 and receiver divider amplifier (RXDA) 62. The TXRT unit 10 performs measurements as to a signal strength and quality on the transmitter link signals and sends these signals to a radio receiver (RRX) 28 that measures a signal strength and quality (see col. 5, lines 12-19, for example). However, as shown in Figure 2, for example, the TXRT 10 is not coupled between a frequency band filter and a receiving frequency converter as claimed. Further, the TXRT 10 in Borg does not include band rejection filters to filter out unwanted signals such that the TXRT 10 can determine whether the unwanted signals are increasing or decreasing. That is, Borg does not teach or suggest determining whether filtered unwanted signals are increasing or decreasing as claimed. Further, Kobayashi et al. merely teaches a transmission filter 2 that suppresses an undesired wave including a transmission frequency signal from the up-converter 1 and is formed of a band pass filter and a receiving filter 3 that

suppresses an undesired wave including a received frequency signal and is formed of a band pass filter (see col. 12, lines 1-13, for example). It is respectfully submitted these do not correspond to the claimed band rejection filters which filter out the unwanted signals output from the frequency band filter and the receiving frequency converter such that the RF characteristic analyzer can determine whether the unwanted signals are increasing or decreasing. The other references also do not teach or suggest the claimed features nor the combinations thereof.

Accordingly, it is respectfully submitted independent claims 8 and 27 and each of the claims depending therefrom are allowable.

### **CONCLUSION**

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, at the telephone number listed below.

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Reply to Office Action of March 25, 2005

Docket No. HI-0024

To the extent necessary, a petition for an extension of time under 37 C.F.R. § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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